

**ABSTRACT OF THE DISCLOSURE**

A system for analyzing a suspension system is provided which includes: a frame assembly including a plurality of frame units, a base plate, a lower mounting unit, and an upper mounting unit; a wheel assembly including a wheel member and a wheel mounting assembly for enabling mounting of the wheel member to the upper and lower mounting units of the frame assembly through a suspension; a steering assembly provided to one side of the frame assembly and being connected to the wheel mounting assembly of the wheel assembly; a strut assembly including a shock absorber and a suspension spring and being provided between the wheel assembly and the frame assembly; and an arm assembly including a plurality of arms and links and being provided between the wheel assembly and the frame assembly.